

BOROUGH OF COLWYN BAY



ANNUAL REPORT

FOR THE YEAR 1941

OF THE

MEDICAL OFFICER OF HEALTH,
WILLIAM McKENDRICK, M.D., D.P.H.

TOGETHER WITH THE

ANNUAL REPORT

OF THE

SANITARY INSPECTOR;
WM. A. AUSTWICK, M.S.I.A.

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HEALTH COMMITTEE (1941-1942)

Councillor Dr. W. Griffiths (Chairman)

Councillor E. A. Neill (Vice-Chairman)

Alderman E. M. Hovey

Councillor W. Swindells

Alderman J. Roberts

Councillor J. Thomas

Alderman H. Parry

Councillor J. H. Williams

Councillor D. Jones

Councillor B. A. Hickman

Councillor C. Palmer.

Mayor of the Borough: Councillor A. H. Salt

STAFF OF THE HEALTH DEPARTMENT, 1941-42

Medical Officer of Health:

Wm. McKENDRICK, M.D., D.P.H.

Sanitary Inspector:

Wm. A. AUSTWICK, M.S.I.A., Cert. Meat and other Foods

Additional Sanitary Inspector:

I. WYNN JONES, M.S.I.A., Cert. Meat and other Foods

Lady Health Visitor:

MISS K. H. DAVIES, S.R.N., C.M.B., Cert. Q.V.T.I.

Matron of the Isolation Hospital:

MISS C. M. JONES, S.R.N.

Matron of the Maternity Home:

MISS MARY HUGHES, S.R.N., S.C.M.

Clerks:

MRS. P. G. STORRS

MISS E. A. ROBERTS (until February, 1942)

MISS B. THOMAS (from February, 1942)

Health Department,
Town Hall,
Colwyn Bay,
1/7/42.

The Chairman and Members of the
Health and Maternity and Child Welfare Committee,
Colwyn Bay Corporation.

Ladies and Gentlemen,

I submit herewith my report on the Health Services in Colwyn Bay during 1941—the third year of War.

The Burgesses have been free from major epidemics and their health has been good.

All Health Services have been maintained under increasing strain. The Sanitary Inspectors have had extra work dealing with houses where, owing to the increased number of inhabitants, difficulties and disrepair have occurred. Care of food has called for more time—much more food has to be condemned than in pre-war years. Refuse Collection and Salvage has become a problem; the population has increased by 50 per cent.; facilities for collection have decreased by almost as much. Fortnightly collections are now being tried and may give the solution.

The Health Visitor has more homes to visit and Clinics—especially ante-natal clinics, minor ailment and scabies clinics—have added to her work. Moreover, the population is becoming increasingly Clinic minded.

The Isolation Hospital has been constantly busy, and at times it has been necessary for me to select cases for admission. It is never pleasant to refuse to admit patients deemed suitable for admission by relatives and family doctors—it is sometimes the cause of much unpleasantness. I have to keep in mind that the prime purpose of an Isolation Hospital is to control the spread of infectious disease. From this point of view I have been fortunate in my decisions. A secondary purpose is to provide nursing for sick persons who cannot conveniently be nursed at home. To ensure this, I advised that an extension of the Hospital be made. The

Council was informed by the Ministry of Health that sanction could not be given for such extensions at this phase of the National effort. Staff difficulties have also caused worry, and I would like especially to note how the Matron and Sister so unstintingly gave time and effort to maintain a service when at times but for their abnormal efforts, none would have been possible.

The Maternity Home has been happily and successfully used by increasing numbers of women.

There has been a well marked increase in the demand for information of all kinds. All the senior members of my staff—Health Visitor, Matron of Maternity Home, Sanitary Inspectors—have helped me by lecturing and teaching several evenings each week. This increased interest in Health and Home Nursing, denoting as it does a desire on the part of the public to be prepared for war emergencies, is very much to be commended and encouraged.

I have to commend all the members of my staff for constant support, and to thank the Chairmen for unfailing stimulation and encouragement during a trying year.

Yours sincerely,

Wm. McKENDRICK,

Medical Officer of Health.

VITAL STATISTICS

Danby

Area of Borough (Acres)	7124
Registrar-General's Estimate of Population Mid 1941	29220
Inhabited Houses—end of 1941	6308
Rateable Value	£222,015
Sum represented by a penny rate	£886

Live Births:

(a) For calculating birth rate	Total	Male	Female
Total	283	136	147
Legitimate ...	263	124	139
Illegitimate ...	20	12	8

Rate per 1000 inhabitants = 9.34

(b) For calculating Infant mortality rate

Total	295	141	154
Legitimate ...	275	129	146
Illegitimate ...	20	12	8

Infant Mortality Rates:

All infants per 1000 total births	=	50.8
Legitimate infants per 1000 legitimate births	=	43.5
Illegitimate infants per 1000 illegitimate births		150

Deaths:

Male	170
Female	208
Total	378

Rate per 1000 inhabitants = 13.9.

Deaths from Puerperal Causes:

	Deaths	Rate per 1000 Births
(a) From Puerperal Sepsis	0	0
(b) From other causes ...	3	10.1
(c) Total	0	10.1

Deaths from:

Cancer (all ages)	59
Measles	0
Diarrhoea (under 2 years of age)	1

There are no special comments necessary on the above except in the case of those for Maternal mortality. Three deaths in one year is becoming alarming. All were subject to enquiry and all might have been avoided had adequate care during the Ante-Natal period been taken.

Causes of Death	Male	Female	Total
Cerebro-Spinal Fever		1	1
Diphtheria	1		1
Pulmonary Tuberculosis	6	5	11
Other Tuberculosis	2	2	4
Influenza		2	2
Poliomyelitis	1		1
Ac. Infantile Encephalitis	0	1	1
Cancer	23	36	59
Intracranial Vascular lesions	30	30	60
Heart Disease	41	49	90
Other diseases of Circulatory System	9	19	28
Bronchitis	10	11	21
Pneumonia	7	10	17
Other respiratory diseases	3	2	5
Ulcer of stomach, etc.	3	1	4
Diarrhoea (under 2 years)	1		1
Other digestive disturbances	5	8	13
Nephritis	3	7	10
Other Maternal Causes	0	3	3
Premature birth	1	2	3
Congenital Malformation, etc.	4	2	6
Suicide		2	2
Road Traffic Accidents	3		3
Other violent causes	5	4	9
All other causes	12	11	23
	—	—	—
All causes	170	208	378
	—	—	—

General Provision of Health Services for the Area:

Laboratory Facilities:

These have continued unchanged. Swabs delivered at the Health Department by 12.30 p.m. are sent immediately to the Ministry of Health Laboratory, Conway. Any sent later may not be forwarded till next day so should be sent direct by Practitioners.

During 1941, 382 swabs were examined—98 of these were found to be positive.

88 samples of water were also reported on. Comments on these water reports will appear later in this report.

59 milk samples were sent to the School of Agriculture Laboratory, Bangor.

Ambulance Facilities:

Two ambulances owned and driven by the Members of the Colwyn Bay and District Voluntary Motor Ambulance Corps are always available. Work done by them in the year ending March 31st, was as follows:—

Total Cases removed	431
Fatal Accidents	10
Other Accidents	65
Admissions to Hospital	151
Admissions to Nursing Homes	65
Transport from House to House	62
Transport out of district	78
Total mileage	8220
Ambulance Case Hours	703
Personnel Case Hours	2812

Nursing in the Home:

There is no change to report.

Clinics:

1940 arrangements have not been modified.

All Clinics are held at the Clinic, Nant-y-Glyn Road. These meet as follows:—

Tuesdays	*Child Welfare Centres at 10 p.m. and 2 p.m.
Thursdays	Orthopaedic Centre at 11 a.m. on alternate weeks. Obstetrical Consultant's Clinic by appointment.
Fridays	Tuberculosis Clinic at 10 a.m. on 1st and 3rd Fridays of each month. *Ante-Natal Clinic at 2 p.m. each week. *Attended by the Medical Officer of Health.

There is not a Day Nursery in the area.

Venereal diseases are treated at Bangor Infirmary and at Chester Royal Infirmary.

Hospitals:

There is no change to record in the Hospital arrangement in the Borough during 1941.

Maternity and Child Welfare:

There have not been any change in the scheme during 1941.

Number of Births notified:

(a) Live births	364	(b) Stillbirths	9	(c) Total	373
(d) By Midwives	199	(e) By Doctors	165		

The number of visits paid by the Health Visitor during 1941 were:—

	First Visits	Total Visits
1 To expectant mothers	102	213
2 To children under 1 year ...	315	1888
3 To children of 1-5 years ...	—	2385

Children who attended Clinic for first time in 1941:

1 Under 1 year	190
2 Between ages of 1-5 years	20

Total number of children under 5 who attended Clinic and who, at the end of the year, were:

1 Under 1 year of age	164
2 Over 1 year of age	158

Ante-Natal Services:

The Clinic meets every Friday at 2 p.m. It is becoming increasingly popular. The attendances rarely fall below 20 at any Session and often approach 40. The number of women who attended in 1941 was 234 ante-natal, and 59 post-natal. The total attendances were 1,059.

Mr. R. Owen Jones, F.R.C.S., the Obstetrical Consultant, reports as follows:—

“ 72 new patients and 67 old were seen at the Consultative Ante-Natal Clinics, and 47 new and 14 old post-natals. Some of these were evacuees who were confined at the Maternity Home or at Gerwyn Hall.

Few of those seen post-natally after being confined at the Maternity Home required special treatment other than supervision. This is an indication of the standard of midwifery achieved by the Matron's constant care.

The maternal death which occurred at the Home was not delivered there. She was admitted in extremis after home confinement and died in less than an hour after admission in spite of the restorative treatment attempted.

I was called in on 26 occasions by 10 doctors.

5 were puerperal pyrexia cases.

7 were operation cases.

22 routine visits were paid to the Maternity Home.

Maternity Home:

The number of Maternity cases admitted to the Home during 1941 was 179. 169 were for confinement and 10 for ante-natal treatment. 165 live babies were born (including 2 sets of twins) and 6 babies were still born. 93 of the women admitted were Colwyn Bay residents. 21 were Denbigh County residents, and the remainder were from other districts. 97 women were treated entirely by the Staff and 60 by doctors.

Home Help:

There has been no occasion when a suitable woman to act as "Home Help" has been available.

Dental Treatment:

There have been three cases in which dental treatment has been granted during the year.

Nutrition:

The Council does not provide free food or meals.

Infants and Children:

Attendances at the Clinics during the past 5 years were:

(a) Enrolled	1937	1938	1939	1940	1941
Children under 1 year ...	219	226	134	151	164
Children 1-5 years	201	235	73	200	158
Mothers—Ante-Natal ...	108	91	134	200	234
Post-Natal ...	9	38	40	50	59

(b) Total Attendances:

Children under 1 year ...	2382	3182	3969	3676	3377
Children 1-5 years	2053	1951	1092	1199	1178
Mothers—Ante-Natal ...	368	342	428	738	986
Post-Natal ...	21	114	58	67	73

Orthopaedics:

Patients treated in 1941 at the Orthopaedic Clinic were:—

On Books 1/1/40	8
Admitted in 1941	5
Total treated	13
Discharged in 1941	4
On Books 31/12/41	9
Attendances	42

One of those discharged attained 5 years, so was transferred to the County Education Scheme.

Ophthalmia Neonatorum:

7 cases of Ophthalmia Neonatorum were notified to me. One was removed to Hospital. Two were given home treatment by the Health Visitor. All made perfect recovery.

Child Life Protection:

There are now 12 children on this Register—4 being added during 1941. All were visited regularly and found to be satisfactorily cared for.

Sanitary Circumstances in the Borough

The following report has been given me by the Senior Sanitary Inspector, Mr. W. A. Austwick, on work carried out for the year ending December, 1941.

REPORT OF THE SANITARY INSPECTOR.

GENERAL SUMMARY.

TABLE I.

Complaints received and attended to	76
No. of Nuisances found	641
" " Houses in which Nuisances were found	435
" " Nuisances abated	628
" " Nuisances not abated but work in hand	13
" " Drains and Fittings tested with colour, smell or smoke machine	123
" " Revisits to Drains, inspecting work in progress and on completion	990
" " Revisit on account of Nuisances, inspecting work	0
" " Visits to Camps	0
" " Preliminary Notices served for Nuisances	641
" " Formal Notices and Orders served for Nuisances	20
" " Visits to Bakehouses, Restaurants and Cafes ...	187
" " Visits to Factories with mechanical power	312
" " Visits to Factories without mechanical power ...	52
" " Visits to Cowsheds	110
" " Visits to Dairies and Milkshops	268
" " Milk samples taken for Tuberculosis Bacilli	25
" " Ungraded Milk Samples taken	45
" " Pasteurised Milk Samples taken	6
" " Tuberculin Tested Milk Samples taken	7
" " Accredited Milk	1
" " Visits to Ice Cream Shops	28
" " Offensive Trades, including Fried Fish Shops ...	109
" " Visits to Sanitary Conveniences of Schools	7
" " Visits to Kitchens of Restaurants	29
" " Miscellaneous Visits	132
" " Verminous Rooms Disinfected	33

No. of	Inspections made to Dance Halls, Cinemas and other places of Entertainment	49
" "	Inspections re Rats and Mice	137
" "	Inspections to Houses re Billets	196
" "	Visits to Flats	338
" "	Re overcrowding and Rent overcharging	14

TABLE II.

SANITARY DEFECTS.

No. of	Stopped Drains	118
" "	Defective Drains	57
" "	Defective or stopped Septic Tanks or Cesspools	7
" "	Want of, or insufficient drainage and W.C. accommodation	3
" "	Defective W.C. Cisterns and Fittings	19
" "	Broken and unsuitable W.C. pedestals and pans	7
" "	Dirty conditions of houses, outhouses and yards	73
" "	Want of Limewashing	77
" "	Defective or new Inspection Chambers	10
" "	Defective Sink and Waste Pipes	15
" "	Burst Water Pipes	9
" "	Defective Roofs—Houses and Outbuildings	4
" "	Defective Floors and Doors in Rooms	15
" "	Defective Paving of Yards and Outhouses	5
" "	Defective Eaves and Downspouting	4
" "	Miscellaneous Nuisances (outside)	23
" "	Miscellaneous Nuisances (inside)	23
" "	Accumulations—Manure and other Refuse	67
" "	Dilapidated Ashbins	90
" "	Defective Plastering of Walls and Ceilings	2
" "	Damp conditions in Houses	15
" "	Premises (Rats)	36
" "	Insufficient or unsatisfactory Washing accommodation	10
" "	New Pedestals W.C.	16
" "	Defective Short Hoppers, etc., abolished	12
" "	Choked Road Ditches	0
" "	Defective Grates	13
" "	Defective Window Frames, etc.	16
" "	Cases of Cooking facilities required	5

TABLE III.

During the year the following visits have been made to the Abattoir and to other food premises:—

No. of Visits and Re-visits to Abattoir	445
„ „ Visits to Butchers' Shops	246
„ „ Visits to Fish Shops	109
„ „ Visits to Food Shops	196
„ „ Carcases of Beef inspected	2131
„ „ Sheep and Lambs inspected	29923
„ „ Pigs inspected	650
„ „ Sows inspected	38
„ „ Calves inspected	908
Also a large quantity of Fish and other Food stuffs.	

TABLE IV.

REFUSE COLLECTION AND DISPOSAL.

No. of Visits re Collection and Salvage	779
„ „ Visits re Disposal	355

Regular inspections of the tip were made and poison, traps and ferrets were used to keep down the rat population.

TABLE V.

WATER SUPPLIES

	Bact.	Chem.
No. of Water Samples—Town Mains	59	1
Wells	20	6
Bryn-y-Maen.....	1	1
Rhos Swim Pool	3	0
„ „ Cases of absence of Water Supply ...	3	0

TABLE VI.

Premises registered for the manufacture of Sausages, etc.	22
Premises registered for the manufacture of Ice Cream	11

1—Inspection of Factories, Workshops and Workplaces

Premises [1]	Number of		
	Inspections [2]	Written Notices [3]	Occupiers prosecuted [4]
Factories [with Power]	312	No statutory notices issued the work being done on re- ceipt of a letter making the necessary request	
Factories (without Power)	52		
Total	364		

2—Defects found in Factories, Workshops and Workplaces

Particulars [1]	Number of Defects			Number of offences in respect to which Prosecutions were instituted [5]
	Found [2]	Remedied [3]	Referred to H. M. Inspector [4]	
<i>Nuisances under the Public Health Acts*</i>				
Want of cleanliness ...	23	23		
Want of ventilation	2	2		
Overcrowding				
Want of drainage of floors ...				
Other nuisances	6	6		Nil
Sanitary accommodation { insufficient ... { unsuitable or { defective ... { not separate { for sexes				Nil
<i>Offences under the Factory and Workshop Acts</i>				
Illegal occupation of underground bakehouse [s. 101]				
Other offences				
[Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health [Factories and Work- shops Transfer of Powers Order, 1921]				
Total	31	31		

*Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

Nuisances from Premises other than Dwellings

Bakehouses	53
Hotels and Cafes	30
Garages and Miscellaneous	29
Shops	58
Fried Fish Shops	18
Offices	1
Stables	2
Cinemas	11
Military	28
Schools	6
Butchers	18
Farms	26
Dairies	40

Factories, Workshops and Bakehouses

Regular inspections have been carried out during the year, to the above premises, drawing the attention of the occupiers to any defects or lack of cleanliness as occasions arise. Notices were also served for limewashing, defects and alterations to existing sanitary conveniences, which were readily complied with.

Registered Workshops

Important classes of Workshops, such as Workshops, Bakehouses, etc., may be enumerated here.

The number of Workshops on the Register at the end of the year was as follows:—

Bakers and Confectioners	23
Dressmakers and Milliners	12
Bootmakers and Repairers	12
Tailors	4
Laundries	7
Joiners and Cabinet Makers	17
Bottling Stores	4
Cycle and Motor Workshops	21
Printing Works	3
Upholsterers	4
Miscellaneous	36
	143

Out-Workers (Home Work)	2
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Smoke Abatement

There have been no prosecutions for Smoke Abatement.

Nuisances occurred in nine cases, verbal warnings were given and there was no re-occurrence.

Swimming Pools

There is one Public Swimming Pool in the district, which is managed very efficiently. The water is sea water subjected to chlorination. Three samples of the water were taken for analysis and reported on as being "satisfactory."

Offensive Trades

The Offensive Trades in the Borough are as under:—

Fried Fish Shops 12

Housing

No houses have been built by private enterprise or by the Local Authority.

There is a considerable number of compulsory and voluntary evacuees in the town and this occasionally leads to a certain amount of overcrowding, but in the circumstances, we accept this where we cannot help. We are only too pleased to receive these people from more unfortunate areas, and to do what we can for them until happier times return.

HOUSING STATISTICS

1. Inspection of Dwelling Houses during the year—

(1)	(a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	435
		Number of inspections made for the purpose	452
(2)	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	18
	(b)	Number of inspections made for the purpose	25

- | | | |
|-----|---|-----|
| (3) | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| (4) | Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 435 |

2. Remedy of Defects during the year without Service of Formal Notice.

- | | |
|---|-----|
| Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers | 411 |
|---|-----|

3. Action under Statutory Powers during the Year

- | | | |
|-----|--|-----|
| (a) | Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936— | |
| (1) | Number of dwelling houses in respect of which notices were served requiring repairs | Nil |
| (2) | Number of dwelling houses which were rendered fit after service of formal notice | Nil |
| | (a) By owners | Nil |
| | (b) By Local Authority in default of Owners | Nil |
| (b) | Proceedings under Public Health Acts— | |
| (1) | Number of dwelling houses in respect of which Notices were served requiring defects to be remedied | 20 |
| (2) | Number of dwelling houses in which defects were remedied after service of formal notice | |
| | (a) By owners | 20 |
| | (b) By Local Authority in default of Owners | Nil |
| (c) | Proceedings under Section 11 and 13 of the Housing Act, 1936— | |
| (1) | Number of dwelling houses in respect of which Demolition Orders were made | Nil |
| (2) | Number of dwelling houses demolished in pursuance of Demolition Orders | Nil |
| | Houses scheduled demolished by owners | Nil |

(d) Proceedings under Section 12 of the Housing Act, 1936—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or rooms having been rendered fit	Nil
Number of houses built by private enterprise	Nil
Number of houses built by Borough Council	Nil

HOUSING ACT, 1935—Overcrowding

(a) (1) Number of dwellings overcrowded at the end of the year		*
(2) Number of families dwelling therein		*
(3) Number of persons dwelling therein		*
(b) Number of cases of overcrowding reported during the year		Nil
(c) (1) Number of cases of overcrowding relieved during the year by Local Authority		Nil
(2) Number of persons concerned in such cases		Nil
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding		Nil
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report		*

*Owing to the abnormal conditions, particularly after the outbreak of War, it was found impossible to keep any accurate record of overcrowding.

Work carried out during 1941

No. of Houses inspected for housing defects	435
" " Houses found not in all respects reasonably fit for human habitation	435
" " Defective Houses rendered fit in consequence of informal action	411
" " Defective Houses rendered fit in consequence of formal action	20
" " Houses recommended for demolition	Nil
" " Houses re-inspected, including the supervision of repairs	552
" " Informal Notices served	435
" " Formal Notices served	20

Public Places of Entertainment

Under Circular 120 of the Ministry of Health it is necessary for all places of entertainment to be thoroughly inspected annually in order that licences may be issued by the Licensing Magistrates.

Sixty-nine visits have been made, inspecting the sanitary conveniences, general cleanliness, ventilation, fire appliances, exits, etc. Any required work has always been done promptly on receipt of verbal notice.

Rag Flocks Act, 1911-1928

There are no premises which are governed by the above Acts in the Borough.

Public Abattoir, Meat and other Food Inspections

Since December, 1940, the Corporation have acted as Slaughtering Contractors to the Ministry of Food—the only Local Authority, I believe, in Wales to undertake this duty. The work has been carried out smoothly and to the satisfaction of both the Ministry of Food and the local Butchers. 15 acres of good pasture land have been rented adjoining the Abattoir for lairage, and these proved a great asset in maintaining stock in good condition.

The number of animals slaughtered again shows a considerable increase as does the imported Meat figure. This is partly due to Llanrwst District now being supplied by this Area.

No meat is sold from stalls, and all shops in which food is prepared, stored or sold, have been regularly inspected.

Number of Animals slaughtered at the Public Abattoir during 1941—

Cattle	Calves	Sheep and Lambs	Pigs	Sows	Revenue
2131	908	29,923	650	38	£853 2 8

Imported Meat handled at the Public Abattoir during 1940—

Quarters of Beef	Sheep and Lambs	Pigs	Ribs of Beef	Bags and Cases of Offal	Revenue
1,452	8,319	214	341	61,571	£113 6 6

Wet Fish Shops, Greengrocers and Provision Shops and all other premises where food is prepared, stored or sold, are regularly inspected.

Carcases Inspected and Condemned.

	Cattle ex.		Sheep and		Pigs	Sows
	Cows	Cows	Calves	Lambs		
No. killed (if known)	1883	248	908	29923	650	38
No. inspected	1883	248	908	29923	650	38
All diseases except T.B.—						
Whole carcases condemned	6		3	15	1	
Carcases of which some part or organ was condemned						
	354	—	2	676	12	
Percentage of the No. inspected affected with diseases other than T.B. ...						
	16.89	—	.55	2.33	1.88	
Tuberculosis only—						
Whole carcases condemned	11	—	—	—	1	
Carcases of which some part or organ was condemned						
	83	—	—	—	42	
Percentage of the number inspected affected with Tuberculosis						
	4.41	—	—	—	6.25	

Unsound Meat at Abattoir, disposed of by the Ministry of Food

Beef

Seventeen carcasses and offal (11 cases general Tuberculosis)	8097 lbs
Part carcasses (extensive bruising and localised T.B.)	1014 „
Livers (Flukes, etc.)	2724 „
Kidneys	20 „

Pork

Two carcasses (1 general T.B.)	308 „
Part carcasses (broken bones)	98 „
Heads	395 „
Plucks and livers	92 „

Veal

Three carcasses and offal (emaciation and dropsy)	102 „
---	-------

Mutton and Lamb

Fifteen carcasses (emaciation, etc.)	763 „
Three part carcasses (bruising)	38 „
Heads, Plucks, Livers	1095 „

Total ... 14746 „

Unsound Food from Shops, etc.

Poultry	15 lbs.	Fish	273 lbs
Sweets	23 „	Rabbits	200 „
Canned Beef	92 „	Butter	126 „
„ Soups	2 „	Tripe	30 „
„ Fish	131 „	Sausage	160 „
„ Ham	23 „	Black Puddings	40 „
„ Milk	28 „	Polonies	11 „
Lemons	140 „	Vegetables	120 „
Bacon	37 „	Eggs	82 doz
Total ... 1461 lbs.			

A quantity of vegetables were delivered at the Tip unweighed.

Milk Supplies

All farms, dairies and milk shops have been visited regularly at various times of the day and were usually found to be kept in satisfactory condition.

378 visits were paid to these premises.

Fifty-nine samples of milk were sent to the University College, Bangor, to be tested for Bacterial content as follows:

Ungraded	Accredited	Certified	Pasteurised
45	1	7	6

Twenty-five samples of milk were sent to the College to be tested for Biological examination. 25 negative.

Retailers selling T.T. Milk	25
Retailers selling Pasteurised Milk	3
Retailers selling Accredited Milk	2
Dairies on Register	45
Cowkeepers on Register	37

Refuse Collection and Disposal

Year ended 31st March, 1942.

	Collection	Disposal
Wages	3019	479
Haulage	3073	162
Other Expenses	549	93
	-----	-----
	6641	734
Loan Charges		160
	-----	-----
		894
Less Income	146	6
	-----	-----
	£6495	£888
	-----	-----
	£7383	

	1940-1	1941-2
Salvage—Gross Income	£1564	£2145
Refuse Collection	10963 tons	11578 tons
Cost per ton	9/10.2	11/2.65
Refuse Disposal	11674 tons	12133 tons
Cost per ton	1/4.09	1/5.65
Total cost per ton, collection and disposal	11/2.29	12/8.30
Number of Premises from which refuse was collected.....	6270	7513
Cost per 1,000 premises—		
Collection	£861.2	£864.5
Disposal	£122.8	£118.2

House and Trade Refuse Collection

The quantity of House and Trade Refuse collected for the period of this Report, 1st April, 1941, to 31st March, 1942, is as follows:—

5795 loads weighing 11,578 tons.

25 loads not weighed (Highways).

635 tumbler loads of night soil.

328 loads by private persons not weighed.

1	Total refuse collected (in tons)	11,578
	Total refuse disposed (in tons)	12,133
2	Population	29,000
3	Area	7,124
4	Weight in cwts. per 1000 of population per day	23.00
5	Number of houses or premises	7,513
6	Rateable Value	£222,442
7	Product of 1d. Rate	£896
8	Total Rates in the £	16/6

Salvage

The salvage figures given below represent the amount collected by the Council and do not cover the total salvage from the town. This applies particularly to paper—for example, all the waste paper from the Ministry of Food Offices is sold by them privately as is the waste paper from certain tradesmen.

1st April, 1941, to 31st March, 1942.

	Tons.	Cwts.	Qrs.	Lbs	
Paper	464	6	1	—	1965 6 6
Rags	6	3	2	24	83 0 7
Lead	—	8	2	18	6 13 8
Brass and Copper	—	10	3	24½	14 0 2
Aluminium	—	3	3	27	10 17 8
Scrap Iron	15	4	3	2	32 14 3
Bones	6	2	2	16	15 9 1
Rubber	—	14	2	3	1 12 1
Bottles and Jars	342 doz.	—	—	—	15 15 9
Horse Hair	—	—	—	27	14 4
Pig Food	60	—	—	—	—
					£2145 4 1

In conclusion of my report, may I express my appreciation for the help and many kindnesses shown by the Chairman and Members of the Public Health Committee, Dr. McKendrick, Medical Officer of Health, Mr. I. Wynn Jones, Additional Sanitary Inspector, and the indoor and outdoor staff.

(Signed) WM. A. AUSTWICK,
Senior Sanitary Inspector.

Borough of Colwyn Bay
CLEANSING SERVICES

State of Costs for the year ended 31st March, 1942. House and Trade Refuse

PARTICULARS	1—Collection including or excluding depreciation and loan charges.		2—Disposal including or excluding depreciation and loan charges.		Total including or excluding depreciation and loan charges	
	Included	Excluded	Included	Excluded	Included	Excluded
Revenue Account	£	£	£	£	£	£
1 Gross Expenditure (excluding Salvage)	6,641	6,235	894	734	7,535	6,967
2 Gross Income (excluding Salvage)	146	146	6	6	152	152
3 Net Cost	6,495	6,087	888	728	7,383	6,815
Unit Costs	s	d	s	d	s	d
4 Gross Expenditure per ton	11 5.65	10 9.20	1 5.77	1 2.52	12 11.42	11 11.72
5 Gross Income per ton	3.0	3	12	12	3.12	3.12
6 Net Cost per ton	11 2.65	10 6.20	1 5.65	1 2.40	12 8.30	11 8.60
7 Net cost per 1000 population	£ 232	£ 217.40	£ 31.71	£ 26	£ 263.71	£ 243.40
8 Net cost per 1000 houses or premises from which refuse is collected	864.5	810.2	118.2	96.9	982.12	907.1

(Signed) WM. A. AUSTWICK, M.S.I.A., Sanitary Inspector.

Water Supplies:

The Bacteriological condition of the water supplied to the town has been kept under very close supervision during 1941. Chlorination has now been effectively established, and seasonal variations are not likely to be found in the water as delivered into Colwyn Bay. Local variations due to defective mains may occur. It is, therefore, vitally important that burst pipes be traced and reported to the water engineer.

The following bacteriological tests were made:

Town Supply	59
Wells on Farms, etc.	20
Bryn-y-Maen Supply	1

The following Chemical tests were made:

Main Supply	1
Bryn-y-Maen	1
Wells	6

The Wells were tested for the purposes of emergency supplies and were found to be satisfactory.

Mr. E. Oliver Jones, Engineer to the Conway and Colwyn Bay Joint Water Supply Board, informs me that over 517½ million gallons of water were delivered into the town during the year. This works out at almost 18,000 gallons per head of population (drouthy folk!)

Drainage:

No special notes have to be made on drainage—sewerage, rivers or streams, etc.

Immunisation:

The children of the town are now almost completely immunised. Head Teachers have been enthusiastically trying to secure the consent of the one or two parents who refuse to have their children immunised. There is rivalry as to which school will first actually reach the 100 per cent. mark.

2,948 school children had been immunised by 1/7/42. This number included many who had been temporary residents and exceeds the actual number of children attending school in the Borough. In Douglas Road Infants School, all children on the Register have been immunised. An actual count in schools showed that 96 per cent. of school children then in attendance at Colwyn Bay schools had been immunised.

923 children under 5 years had been immunised. It is difficult to estimate the percentage of infants immunised. Only children over 9 months old can be done; but I estimate that 77 per cent. of the infants are immune, i.e., practically all who are eligible.

During 1941, 16 children have suffered from Diphtheria, one had been immunised and that only partially. Since January, 1942, when the last drive to secure immunisation was completed, three children developed the disease—none of these had been immunised.

Food and Drugs (Adulteration) Act, 1938

The following statement was given me by the Chief Inspector of the Denbigh County Council:

Particulars of samples of food and drugs taken in the Borough of Colwyn Bay by the Inspectors of the Denbighshire County Council during the year ended 31st December, 1941:

Article	No. taken	Genuine	Not genuine or Sub-Standard
Milk	61	50	11
Galantine	1	1	
Ammoniated Tinct. Quinine	1	1	
Olive Oil	1	1	
Vinegar	2	1	1
Jam	3	3	
Baking Powder	1	1	
Aerated Water	1	1	
Bread	1	1	
Butter	2	2	
Margarine	1	1	
Spirit of Nitre	1		1
Sausages	4	4	
Tincture of Iodine	1	1	
Condensed Milk	1	1	
Brandy	1	1	
Honey	1	1	
Ice Cream	3	3	
Sugar	1	1	
Onion Extract	1	1	
Milk samples tested at Office	15	11	4
Totals	104	87	17

Eight of the milk samples shown as not genuine were only very slightly below the standard, and in the remaining three instances the Vendors were prosecuted.

One sample of vinegar was slightly deficient in acetic acid.

A sample of Sweet Spirit of Nitre was seriously deficient in active principle, but the remaining stock was insufficient to provide a formal sample.

All other samples were certified by the Public Analyst as being genuine and free from all prohibited preservatives and colouring matter.

(Signed) D. WYNNE GRIFFITH,
Chief Inspector.

Propaganda.

No Health Week was held during 1941. Much teaching has been done, however, and I have been delighted to find an increasing desire on the part of citizens to receive teaching in Home Nursing. Already I have been asked to provide teachers from my Staff for classes next year. This is a pleasure to us.

Schools.

All schools are visited regularly and although there is overcrowding, no seriously unhygienic conditions exist.

Infectious Diseases.

The following diseases were notified to me by the Head Teachers of the Colwyn Bay Schools as having occurred amongst their scholars:—

Measles	117 (107 in February)
Mumps	92 (mainly June and July)
Scarlet Fever	11
Chicken Pox	13
Scabies	6
Whooping Cough	5
Pneumonia	3
Diphtheria	2
Cerebro-Spinal Fever	1
Impetigo	1
Pneumonia	1
Total	252

The following shows the number of cases of infectious diseases notified to me by Medical Practitioners, the number admitted to the Isolation Hospital and the number of deaths.

The table shows that the incidence of Diphtheria was less than half that of 1941, while Scarlet Fever was greatly increased:—

Number of Cases Notified at ages		Years								Number of Deaths at ages—Years								
Notifiable Diseases		At all ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Total cases remiv'd to Hospital	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Totals
Diphtheria		38	...	3	15	12	6	2	...	38	...	...	...	...	...	...	...	...
Diphtheria Observa'n		9	...	1	5	2	1	...	...	9	...	...	...	...	...	...	...	...
Erysipelas		9	...	...	...	1	1	7	...	...	...	...	...	...	...	...	...	...
Scarlet Fever		81	...	9	54	14	4	...	...	44	...	...	...	...	...	...	...	...
Diphtheria-Scarlet Fr		2	...	2	...	...	...	...	...	2	...	...	...	...	...	...	...	...
Enteric Fever		10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-Spinal Ment		10	...	...	1	3	5	1	...	10	...	...	...	...	...	1	...	1
Pulmonary T.B.		29	...	...	...	8	20	1	...	...	...	...	...	1	2	...	...	3
Other Forms of T.B.		13	...	3	2	3	3	1	1	...	...	...	...	...	1	...	1	2
Pneumonia		26	1	3	3	1	4	6	8	...	...	1	...	...	...	7	9	17
Ophthalmia Neonat'um		1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Measles		373	9	85	254	14	9	2	...	1	...	...	...	...	...	...	...	...
Whooping Cough		69	...	28	39	1	...	1	...	1	...	...	...	...	...	...	...	...
Poliomyelitis		2	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever		5	...	...	...	2	3	...	...	3	...	...	...	...	...	...	...	...
Scabies		1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...
Totals		668	11	134	375	62	56	21	9	110	...	1	...	1	3	8	10	23

The following report from the Vaccination Officer shows how the babies of the town have been protected—or neglected:

Number of Births registered	404
Number Vaccinated	142
Number Exempted	127
Number Died before Vaccination	13
Number postponed	62
Number removed from district	59
Number insusceptible	1

Tuberculosis

No action has required to be taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from pulmonary tuberculosis employed in the milk trade) or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

Forty-two cases of Tuberculosis were notified to me during 1941.

The following table was sent me by Dr. H. M. Williams, Tuberculosis Physician to the King Edward VII Welsh National Memorial Association:—

		Pulmonary				Non-Pulmonary				
New Cases and Contac		Adults. C'dren				Adults. C'dren				Grand
examined during the year		M	F	M	F	M	F	M	F	Total
(a)	Definitely Tuberculosis	9	3	—	—	2	1	2	2	19
(b)	Diagnosis not completed	5	1	1	1	—	—	1	—	9
(c)	Non-Tuberculous	10	10	3	3	1	1	—	—	28
Totals		24	14	4	4	3	2	3	2	56

Number of attendances at the Dispensary	167
Number of domiciliary visits	63
Number of Transfer Cases from other areas (including Evacuees)	16
Number of Service Cases examined	8
Number of Official Evacuees examined	19
Number of Unofficial Evacuees	7
Number of cases referred by the Medical Board for examination	42

The Analysis of the 42 notifications is shown in the following table:—

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 — 1	—	—	—	—	—	—	—	—
1 — 4	—	—	2	1	—	—	—	—
5 — 9	—	—	1	—	—	—	—	—
10 — 14	—	—	—	1	—	—	—	—
15 — 19	—	1	—	—	—	—	—	—
20 — 24	4	3	1	2	—	1	—	—
25 — 34	9	7	1	1	1	1	—	1
35 — 44	2	2	—	1	—	—	—	—
45 — 54	—	—	1	—	—	—	—	—
55 — 64	1	—	—	—	—	—	—	—
65 and upwards	—	—	1	—	—	—	1	—
Totals	16	13	7	6	1	2	1	1

Colwyn Bay Meteorological Observations, 1941

MONTH	Mean reading of Mercurial Baromet- er in Inches	Dry Bulb Thermometer F. (mean)	Wet Bulb Thermometer F. (mean)	Maximum Thermo- meter F. mean	Minimum Thermo- meter F. (mean)	Rainfall in Inches 5 in. Gauge	Number of Wet Days	Max. Rain in inches during 24 hours and date	Hours Sun-shine by Campbell- Stokes Recorder
January	29.78	33.9	33.6	38	31	1.54	13	.50 on 23rd	40
February	29.48	40.6	38.8	45	35	2.41	22	.34 on 27th	65.7
March	29.83	42.9	40.5	49	36	2.00	17	.31 on 22nd	111.5
April	29.93	44.3	41.7	49	39	1.49	10	.45 on 30th	105.0
May	29.90	49.9	46.3	61	44	1.91	10	.82 on 22nd	198.0
June	30.09	58.6	55.2	65	51	.71	2	.62 on 8th	199.1
July	29.94	66.3	59.5	67	55	1.30	12	.65 on 13th	188.7
August	29.15	59.5	56.9	64	53	2.44	18	.46 on 9th	145.6
September ..	30.19	61.1	58.6	65	54	.82	10	.55 on 27th	123.1
October	30.12	54.2	52.0	54.9	45	2.01	16	.48 on 9th	91.1
November ..	29.79	47.2	45.5	50.8	41	1.52	17	.42 on 16th	40.8
December ...	29.62	46.1	44.5	50	42	1.07	12	.21 on 7th	25.6
TOTALS						19.22	159		1334.2
Mean of Means	29.81	50.3	49.4	54.8	43.8				

Town Hall,

(Sgd.) N. S. JEFFREY, A.M., Inst., C.E.

A. M. WILLIAMS,

Colwyn Bay.

Borough Engineer and Surveyor.

Observer.

